THE JOURNAL OF
# LOGIC PROGRAMMING

VOLUME 28, NUMBERS 1, 2 & 3, 1996

CONTENTS

**REGULAR PAPERS**

{log}: A LANGUAGE FOR PROGRAMMING IN LOGIC WITH FINITE SETS **1**
Agostino Dovier, Eugenio G. Omodeo, Enrico Pontelli and Gianfranco Rossi

AMALGAMATING KNOWLEDGE BASES, III: ALGORITHMS, DATA STRUCTURES, AND QUERY PROCESSING **45**
Sibel Adali and V. S. Subrahmanian

AUTOMATIC FINITE UNFOLDING USING WELL-FOUNDED MEASURES **89**
Bern Martens and Danny De Schreye

A CLOSER LOOK AT DECLARATIVE INTERPRETATIONS **147**
Krzysztof R. Apt, Maurizio Gabbrielli, and Dino Pedreschi

ON THE DESIGN OF A CORRECT FREENESS ANALYSIS FOR LOGIC PROGRAMS **181**
Michael Codish, Dennis Dams, Gilberto Filé and Maurice Bruynooghe

**TECHNICAL NOTES**

A NOTE ON SEMANTICS OF LOGIC PROGRAMS WITH EQUALITY BASED ON COMPLETE SETS OF *E*-UNIFIERS **207**
Anatoli Degtyarev and Andrei Voronkov

POLYVARIANT DETECTION OF UNINITIALIZED ARGUMENTS OF PROLOG PREDICATES **217**
Thomas Lindgren

LOGIC PROGRAMMING AS A BASIS FOR LEAN AUTOMATED DEDUCTION **231**
Bernhard Beckert and Joachim Posegga

TITLE INDEX TO VOLUME 28 **237**

AUTHOR INDEX TO VOLUME 28 **238**

*THE JOURNAL OF LOGIC PROGRAMMING*
© Elsevier Science Inc., 1996
655 Avenue of the Americas, New York, NY 10010

0073-1066/96/$15.00
PII S0743-1066(96)00089-9